

Course : Lean Management in the industrial sector

Practical course - 2d - 14h00 - Ref. LMI

Price : 1610 CHF E.T.

 4,5 / 5

Thanks to this training course, you will discover how Lean Manufacturing enables you to understand the flow of added value and identify waste. This will enable you to improve your company's performance, responsiveness and productivity.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Identify and remedy the company's various forms of waste
- ✓ Analyze and optimize production processes using Value Stream Mapping
- ✓ Manage teams to involve them in the process
- ✓ Improve the performance of your industrial production

Intended audience

Production managers. Continuous improvement managers. Management committee members. Engineers and technicians in methods, design, quality, maintenance and production. Buyers.

Prerequisites

No special knowledge required.

Practical details

Role-playing

Creation of a set of scenarios to identify the main concepts.

Teaching methods

Theoretical input and application. Group work. Role-playing game.

Course schedule

PARTICIPANTS

Production managers. Continuous improvement managers. Management committee members. Engineers and technicians in methods, design, quality, maintenance and production. Buyers.

PREREQUISITES

No special knowledge required.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.

Participants also complete a placement test before and after the course to measure the skills they've developed.

1 Discover Lean Manufacturing

- Understand the context and history of the Lean Manufacturing approach.
- Understand the principles of Lean Manufacturing.
- Identify the different types of waste.
- Distinguish between Lean Manufacturing indicators (TRS, Takt Time, surface area, inventory, distances, productivity, OTIF).

Storyboarding workshops

Concept presentation and discussion.

2 Describe and diagnose the production process

- Describe the process using Value Stream Mapping.
- Identify and calculate the added and non-added values of the process.
- Respecting the requested delivery rate: calculation of Takt Time.
- Calculate process quality performance.
- Build the Value Stream Mapping objective on the process.
- Formalize an action plan to achieve the chosen objective.

Hands-on work

Production process simulation: construction of Value Stream Mapping in working groups. Large-group presentation of results and debriefing by the speaker.

3 Pull flow: tools for optimizing the process

- Implementing Just-in-Time with Kanban.
- Process optimization with TPM: TPM strengths, implementation and challenges.
- Reduce the time between production runs with SMED: carrying out the various stages.
- Improving efficiency with 5S: benefits, points to watch out for, how to carry out the various stages.

Group discussion

Game of questions on the selection and use of different tools.

4 Applying and enforcing standards

- Maintain 5S results with visual management.
- Using visual management to lead a team.
- Understanding the role of Kaizen events.
- Capitalize on best practices.
- Monitor progress through regular daily activities (AIC).

Hands-on work

Simulation of a company AIC meeting: agenda and moderation.

Dates and locations

REMOTE CLASS

2026 : 23 Mar., 21 May, 15 Oct., 10 Dec.

TEACHING AIDS AND TECHNICAL RESOURCES

• The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.

• At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.

• A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.